GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: August 28, 2003, 18:34:33 ; Search time 19.697 Seconds
(without alignments)
90.276 Million cell updates/sec

Title: US-09-743-225-10
Perfect score: 66
Sequence: 1 CATLRVYKGGGXA 13

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 510680 seqs, 136781880 residues

Total number of hits satisfying chosen parameters: 510680

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published_Applications_AA:*
1: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep:*
2: /cgn2_6/ptodata/1/pubpaa/PCT_NEW_PUB.pep:*
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18: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	36	54.5	343	9	US-09-802-853-4	Sequence 4, Appli
2	36	54.5	343	15	US-10-307-385-4	Sequence 4, Appli
3	36	54.5	4545	9	US-09-873-403-2	Sequence 2, Appli
4	35	53.0	193	11	US-09-951-030-2	Sequence 2, Appli
5	35	53.0	310	8	US-08-964-716-42	Sequence 42, Appl
6	35	53.0	602	15	US-10-010-160-16	Sequence 16, Appl
7	35	53.0	864	10	US-09-883-096-2	Sequence 2, Appli
8	35	53.0	2714	12	US-10-140-472-79	Sequence 79, Appl
9	35	53.0	2714	12	US-10-141-761-79	Sequence 79, Appl
10	35	53.0	2714	12	US-10-142-885-79	Sequence 79, Appl
11	35	53.0	2714	15	US-10-123-155-79	Sequence 79, Appl
12	35	53.0	2714	16	US-10-146-731-79	Sequence 79, Appl
13	35	53.0	3162	12	US-10-140-472-111	Sequence 111, App
14	35	53.0	3162	12	US-10-141-761-111	Sequence 111, App
15	35	53.0	3162	12	US-10-142-885-111	Sequence 111, App
16	35	53.0	3162	15	US-10-123-155-111	Sequence 111, App
17	35	53.0	3162	16	US-10-146-731-111	Sequence 111, App
18	34	51.5	55	9	US-09-864-761-43890	Sequence 43890, A
19	34	51.5	55	9	US-09-864-761-47342	Sequence 47342, A
20	34	51.5	110	15	US-10-156-761-11840	Sequence 11840, A
21	34	51.5	184	14	US-10-027-806-32	Sequence 32, Appl
22	34	51.5	184	14	US-10-034-623-32	Sequence 32, Appl
23	34	51.5	184	15	US-10-027-801-32	Sequence 32, Appl
24	34	51.5	213	14	US-10-027-806-64	Sequence 64, Appl
25	34	51.5	213	14	US-10-034-623-64	Sequence 64, Appl
26	34	51.5	213	15	US-10-027-801-64	Sequence 64, Appl
27	34	51.5	246	8	US-08-852-020-1	Sequence 1, Appli
28	34	51.5	292	8	US-08-852-020-6	Sequence 6, Appli
29	34	51.5	345	11	US-09-992-600A-106	Sequence 106, App
30	34	51.5	345	11	US-09-924-340-106	Sequence 106, App
31	34	51.5	345	12	US-09-992-095B-106	Sequence 106, App
32	34	51.5	345	15	US-10-000-489-106	Sequence 106, App
33	34	51.5	345	15	US-10-000-986-106	Sequence 106, App
34	34	51.5	422	12	US-10-017-161-2400	Sequence 2400, Ap
35	34	51.5	449	10	US-09-736-371B-21	Sequence 21, Appl
36	34	51.5	493	15	US-10-156-761-12011	Sequence 12011, A
37	34	51.5	683	15	US-10-156-761-9254	Sequence 9254, Ap
38	34	51.5	1575	12	US-10-140-472-431	Sequence 431, App
39	34	51.5	1575	12	US-10-141-761-431	Sequence 431, App
40	34	51.5	1575	12	US-10-142-885-431	Sequence 431, App
41	34	51.5	1575	15	US-10-123-155-431	Sequence 431, App
42	34	51.5	1575	16	US-10-146-731-431	Sequence 431, App
43	34	51.5	1781	12	US-10-140-472-419	Sequence 419, App
44	34	51.5	1781	12	US-10-141-761-419	Sequence 419, App
45	34	51.5	1781	12	US-10-142-885-419	Sequence 419, App

ALIGNMENTS

RESULT 1
US-09-802-853-4
; Sequence 4, Application US/09802853
; Patent No. US20010034049A1
; GENERAL INFORMATION:
; APPLICANT: SUGIYAMA, MASAKAZU
; APPLICANT: TONOUCHI, NAOTO
; APPLICANT: SUZUKI, SHUNICHI
; APPLICANT: YOKOZEKI, KENZO
; TITLE OF INVENTION: XYLITOL DEHYDROGENASE OF ACETIC ACID BACTERIA AND GENE THEREOF
; FILE REFERENCE: 0010-1024-0
; CURRENT APPLICATION NUMBER: US/09/802,853
; CURRENT FILING DATE: 2001-03-12
; PRIOR APPLICATION NUMBER: 09/363,189
; PRIOR FILING DATE: 1999-07-29
; PRIOR APPLICATION NUMBER: JP10-216047
; PRIOR FILING DATE: 1998-07-30
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4
; LENGTH: 343
; TYPE: PRT
; ORGANISM: Gluconobacter oxydans
US-09-802-853-4

Query Match 54.5%; Score 36; DB 9; Length 343;
Best Local Similarity 77.8%; Pred. No. 1.2e+02;
Matches 7; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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Qy          1 CATLRVYKG 9
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Db        153 CAGLTVYKG 161
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RESULT 2
US-10-307-385-4
; Sequence 4, Application US/10307385
; Publication No. US20030077797A1

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; GENERAL INFORMATION:
;  APPLICANT: SUGIYAMA, MASAKAZU
;  APPLICANT:  TONOUCHI, NAOTO
;  APPLICANT:  SUZUKI, SHUNICHI
;  APPLICANT:  YOKOZEKI, KENZO
;  TITLE OF INVENTION: XYLITOL DEHYDROGENASE OF ACETIC ACID BACTERIA AND GENE THEREOF
;  FILE REFERENCE: 0010-1024-0
;  CURRENT APPLICATION NUMBER: US/10/307,385
;  CURRENT FILING DATE:  2002-12-02
;  PRIOR APPLICATION NUMBER: US/09/363,189
;  PRIOR FILING DATE: 1999-07-26
;  PRIOR APPLICATION NUMBER: JP10-216047
;  PRIOR FILING DATE: 1998-07-30
;  NUMBER OF SEQ ID NOS: 16
;  SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4
;   LENGTH: 343
;   TYPE: PRT
;   ORGANISM: Gluconobacter oxydans
US-10-307-385-4

  Query Match            54.5%;  Score 36;  DB 15;  Length 343;
  Best Local Similarity   77.8%;  Pred. No. 1.2e+02;
  Matches    7;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          1 CATLRVYKG 9
              || | ||||
Db        153 CAGLTVYKG 161


RESULT 3
US-09-873-403-2
; Sequence 2, Application US/09873403
; Patent No. US20020028207A1
; GENERAL INFORMATION:
;  APPLICANT: Srivstava, Pramod K
;  TITLE OF INVENTION: COMPLEXES OF ALPHA (2) MACROGLOBULIN AND ANTIGENIC
;  TITLE OF INVENTION:  MOLECULES FOR IMMUNOTHERAPY
;  FILE REFERENCE: 8449-178
;  CURRENT APPLICATION NUMBER: US/09/873,403
;  CURRENT FILING DATE:  2001-06-04
;  PRIOR APPLICATION NUMBER: 09/625,139
;  PRIOR FILING DATE: 2000-07-25
;  PRIOR APPLICATION NUMBER: 60/209,266
;  PRIOR FILING DATE: 2000-06-02
;  NUMBER OF SEQ ID NOS: 5
;  SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 2
;   LENGTH: 4545
;   TYPE: PRT
;   ORGANISM: Mus musculus
US-09-873-403-2

  Query Match            54.5%;  Score 36;  DB 9;  Length 4545;
  Best Local Similarity   54.5%;  Pred. No. 1.9e+03;
  Matches    6;  Conservative    2;  Mismatches    3;  Indels    0;  Gaps    0;

Qy          1 CATLRVYKGGG 11
              |  | :|:|||
Db       2167 CQQLCLYRGGG 2177


RESULT 4
US-09-951-030-2
; Sequence 2, Application US/09951030
; Publication No. US20030049258A1
; GENERAL INFORMATION:
;  APPLICANT: Ungerer, Dr. Martin
;  TITLE OF INVENTION: Method of increasing the contractility of a heart, a heart muscle
;  TITLE OF INVENTION:  cells of a heart muscle
;  FILE REFERENCE: 9286.5
;  CURRENT APPLICATION NUMBER: US/09/951,030
;  CURRENT FILING DATE:  2001-09-11
;  NUMBER OF SEQ ID NOS: 2
;  SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
;   LENGTH: 193
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-09-951-030-2

  Query Match            53.0%;  Score 35;  DB 11;  Length 193;
  Best Local Similarity   87.5%;  Pred. No. 1e+02;
  Matches    7;  Conservative    0;  Mismatches    1;  Indels    0;  Gaps    0;

Qy          3 TLRVYKGG 10
              || |||||
Db        136 TLLVYKGG 143


RESULT 5
US-08-964-716-42
; Sequence 42, Application US/08964716
; Publication No. US20030049243A1
;  GENERAL INFORMATION:
;    APPLICANT:  Liu, Chi-Li
;    APPLICANT:  Adams, Lee F.
;    APPLICANT:  Lufburrow, Patricia A.
;    APPLICANT:  Thomas, Michael D.
;    TITLE OF INVENTION:  NOVEL BACILLUS THURINGIENSIS STRAINS
;    TITLE OF INVENTION:  ACTIVE AGAINST LEPIDOPTERAN AND COLEOPTERAN PESTS
;    NUMBER OF SEQUENCES:  45
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  No. US20030049243A1o No. US20030049243A1disk of No. US20030049243A
;      STREET:  405 Lexington Avenue, 64th Floor
;      CITY:  New York
;      STATE:  New York
;      COUNTRY:  USA
;      ZIP:  10174-6401
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Tape
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/964,716
;      FILING DATE:
;      CLASSIFICATION:
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  08/337,358
;      FILING DATE:
;      APPLICATION NUMBER:  US 08/264,100
;      FILING DATE:  22-JUN-1994
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 08/194,651
;      FILING DATE:  09-FEB-1994
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 08/166,391
;      FILING DATE:  13-DEC-1993
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 07/991,073
;      FILING DATE:  15-DEC-1992
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Agris Dr., Cheryl H.
;      REGISTRATION NUMBER:  34,086
;      REFERENCE/DOCKET NUMBER:  3778.230-US
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  212-867-0123
;      TELEFAX:  212-878-9655
;  INFORMATION FOR SEQ ID NO:  42:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  310 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  peptide
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US-08-964-716-42

Query Match 53.0%; Score 35; DB 8; Length 310;
Best Local Similarity 75.0%; Pred. No. 1.7e+02;
Matches 6; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

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Qy          2 ATLRVYKG 9
              |||::|||
Db        169 ATLQIYKG 176
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RESULT 6
US-10-010-160-16
; Sequence 16, Application US/10010160
; Publication No. US20030103999A1
; GENERAL INFORMATION:
; APPLICANT: Rosey, Everett L.
; APPLICANT: Strugnell, Richard A.
; APPLICANT: Good, Robert T,
; APPLICANT: King, Kendall W.
; TITLE OF INVENTION: NOVEL THERAPEUTIC COMPOSITIONS FOR
; TITLE OF INVENTION: TREATING INFECTION BY LAWSONIA SPP.
; FILE REFERENCE: DAVI110.001AUS
; CURRENT APPLICATION NUMBER: US/10/010,160
; CURRENT FILING DATE: 2001-11-09
; PRIOR APPLICATION NUMBER: AU PR1381
; PRIOR FILING DATE: 2000-11-10
; PRIOR APPLICATION NUMBER: US 60/249,596
; PRIOR FILING DATE: 2000-11-17
; NUMBER OF SEQ ID NOS: 68
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 16
; LENGTH: 602
; TYPE: PRT
; ORGANISM: Lawsonia intracellularis
US-10-010-160-16

Query Match 53.0%; Score 35; DB 15; Length 602;
Best Local Similarity 70.0%; Pred. No. 3.4e+02;
Matches 7; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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Qy          2 ATLRVYKGGG 11
              | || | |||
Db        484 AILRFYAGGG 493
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RESULT 7
US-09-883-096-2
; Sequence 2, Application US/09883096
; Patent No. US20020110883A1
; GENERAL INFORMATION:
; APPLICANT: Beraud, Christophe
; APPLICANT: Craven, Andrew
; APPLICANT: Yu, Ming
; APPLICANT: Sakowicz, Roman
; APPLICANT: Patel, Umesh A.
; APPLICANT: Davies, Katherine A.
; TITLE OF INVENTION: NOVEL MOTOR PROTEINS AND METHODS FOR THEIR USE
; FILE REFERENCE: 020552-001410US
; CURRENT APPLICATION NUMBER: US/09/883,096
; CURRENT FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: US 09/594,655
; PRIOR FILING DATE: 2000-06-15
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 864
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Amino acid sequence encoded by human kinesin motor
; OTHER INFORMATION: protein gene HsKip3a (Figure 1).
; OTHER INFORMATION: Description of Artificial Sequence:Amino acid
; OTHER INFORMATION: sequence of HsKip3a.
US-09-883-096-2

Query Match 53.0%; Score 35; DB 10; Length 864;
Best Local Similarity 75.0%; Pred. No. 5e+02;
Matches 6; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

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Qy          4 LRVYKGGG 11
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Db        387 LQVYEGGG 394
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RESULT 8
US-10-140-472-79
; Sequence 79, Application US/10140472
; Publication No. US20030138888A1
; GENERAL INFORMATION:
; APPLICANT: Baker,Kevin P.
; APPLICANT: Beresini,Maureen
; APPLICANT: DeForge,Laura
; APPLICANT: Desnoyers,Luc
; APPLICANT: Filvaroff,Ellen
; APPLICANT: Gao,Wei-Qiang
; APPLICANT: Gerritsen,Mary E.
; APPLICANT: Goddard,Audrey
; APPLICANT: Godowski,Paul J.
; APPLICANT: Gurney,Austin L.
; APPLICANT: Sherwood,Steven
; APPLICANT: Smith,Victoria
; APPLICANT: Stewart,Timothy A.
; APPLICANT: Tumas,Daniel
; APPLICANT: Watanabe,Colin K
; APPLICANT: Wood,William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C168
; CURRENT APPLICATION NUMBER: US/10/140,472
; CURRENT FILING DATE: 2002-05-06
; Prior Apploication removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 79
; LENGTH: 2714
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-140-472-79

Query Match 53.0%; Score 35; DB 12; Length 2714;
Best Local Similarity 53.8%; Pred. No. 1.6e+03;
Matches 7; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

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Qy          1 CATLRVYKGGGXA 13
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Db       1071 CATCTTCTGGGAA 1083
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RESULT 9
US-10-141-761-79
; Sequence 79, Application US/10141761
; Publication No. US20030148432A1
; GENERAL INFORMATION:
; APPLICANT: Baker,Kevin P.
; APPLICANT: Beresini,Maureen
; APPLICANT: DeForge,Laura
; APPLICANT: Desnoyers,Luc
; APPLICANT: Filvaroff,Ellen
; APPLICANT: Gao,Wei-Qiang
; APPLICANT: Gerritsen,Mary E.
; APPLICANT: Goddard,Audrey
; APPLICANT: Godowski,Paul J.
; APPLICANT: Gurney,Austin L.
; APPLICANT: Sherwood,Steven
; APPLICANT: Smith,Victoria

```
;  APPLICANT:  Stewart,Timothy A.
;  APPLICANT:  Tumas,Daniel
;  APPLICANT:  Watanabe,Colin K
;  APPLICANT:  Wood,William
;  APPLICANT:  Zhang, Zemin
;  TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
;  TITLE OF INVENTION:  ACIDS ENCODING THE SAME
;  FILE REFERENCE: P3330R1C198
;  CURRENT APPLICATION NUMBER: US/10/141,761
;  CURRENT FILING DATE:  2002-05-08
;  Prior Application removed - See Palm or File Wrapper
;  NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 79
;   LENGTH: 2714
;   TYPE: DNA
;   ORGANISM: Homo Sapien
US-10-141-761-79

  Query Match             53.0%;  Score 35;  DB 12;  Length 2714;
  Best Local Similarity   53.8%;  Pred. No. 1.6e+03;
  Matches    7;  Conservative    0;  Mismatches    6;  Indels    0;  Gaps    0;

Qy          1 CATLRVYKGGGXA 13
              |||     ||| |
Db       1071 CATCTTCTGGGAA 1083


RESULT 10
US-10-142-885-79
; Sequence 79, Application US/10142885
; Publication No. US20030157604A1
; GENERAL INFORMATION:
;  APPLICANT: Baker,Kevin P.
;  APPLICANT:  Beresini,Maureen
;  APPLICANT:  DeForge,Laura
;  APPLICANT:  Desnoyers,Luc
;  APPLICANT:  Filvaroff,Ellen
;  APPLICANT:  Gao,Wei-Qiang
;  APPLICANT:  Gerritsen,Mary E.
;  APPLICANT:  Goddard,Audrey
;  APPLICANT:  Godowski,Paul J.
;  APPLICANT:  Gurney,Austin L.
;  APPLICANT:  Sherwood,Steven
;  APPLICANT:  Smith,Victoria
;  APPLICANT:  Stewart,Timothy A.
;  APPLICANT:  Tumas,Daniel
;  APPLICANT:  Watanabe,Colin K
;  APPLICANT:  Wood,William
;  APPLICANT:  Zhang, Zemin
;  TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
;  TITLE OF INVENTION:  ACIDS ENCODING THE SAME
;  FILE REFERENCE: P3330R1C248
;  CURRENT APPLICATION NUMBER: US/10/142,885
;  CURRENT FILING DATE:  2002-05-10
;  Prior Apploication removed - See File Wrapper or Palm
;  NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 79
;   LENGTH: 2714
;   TYPE: DNA
;   ORGANISM: Homo Sapien
US-10-142-885-79

  Query Match             53.0%;  Score 35;  DB 12;  Length 2714;
  Best Local Similarity   53.8%;  Pred. No. 1.6e+03;
  Matches    7;  Conservative    0;  Mismatches    6;  Indels    0;  Gaps    0;

Qy          1 CATLRVYKGGGXA 13
              |||     ||| |
Db       1071 CATCTTCTGGGAA 1083


RESULT 11
US-10-123-155-79
; Sequence 79, Application US/10123155
; Publication No. US20030068794A1
; GENERAL INFORMATION:
;  APPLICANT: Baker,Kevin P.
;  APPLICANT:  Beresini,Maureen
;  APPLICANT:  DeForge,Laura
;  APPLICANT:  Desnoyers,Luc
;  APPLICANT:  Filvaroff,Ellen
;  APPLICANT:  Gao,Wei-Qiang
;  APPLICANT:  Gerritsen,Mary E.
;  APPLICANT:  Goddard,Audrey
;  APPLICANT:  Godowski,Paul J.
;  APPLICANT:  Gurney,Austin L.
;  APPLICANT:  Sherwood,Steven
;  APPLICANT:  Smith,Victoria
;  APPLICANT:  Stewart,Timothy A.
;  APPLICANT:  Tumas,Daniel
;  APPLICANT:  Watanabe,Colin K
;  APPLICANT:  Wood,William
;  APPLICANT:  Zhang, Zemin
;  TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
;  TITLE OF INVENTION:  ACIDS ENCODING THE SAME
;  FILE REFERENCE: P3330R1C30
;  CURRENT APPLICATION NUMBER: US/10/123,155
;  CURRENT FILING DATE:  2002-04-15
; Prior Application removed -  See Palm or File Wrapper
;  NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 79
;   LENGTH: 2714
;   TYPE: DNA
;   ORGANISM: Homo Sapien
US-10-123-155-79

  Query Match             53.0%;  Score 35;  DB 15;  Length 2714;
  Best Local Similarity   53.8%;  Pred. No. 1.6e+03;
  Matches    7;  Conservative    0;  Mismatches    6;  Indels    0;  Gaps    0;

Qy          1 CATLRVYKGGGXA 13
              |||     ||| |
Db       1071 CATCTTCTGGGAA 1083


RESULT 12
US-10-146-731-79
; Sequence 79, Application US/10146731
; Publication No. US20030129692A1
; GENERAL INFORMATION:
;  APPLICANT: Baker,Kevin P.
;  APPLICANT:  Beresini,Maureen
;  APPLICANT:  DeForge,Laura
;  APPLICANT:  Desnoyers,Luc
;  APPLICANT:  Filvaroff,Ellen
;  APPLICANT:  Gao,Wei-Qiang
;  APPLICANT:  Gerritsen,Mary E.
;  APPLICANT:  Goddard,Audrey
;  APPLICANT:  Godowski,Paul J.
;  APPLICANT:  Gurney,Austin L.
;  APPLICANT:  Sherwood,Steven
;  APPLICANT:  Smith,Victoria
;  APPLICANT:  Stewart,Timothy A.
;  APPLICANT:  Tumas,Daniel
;  APPLICANT:  Watanabe,Colin K
;  APPLICANT:  Wood,William
;  APPLICANT:  Zhang, Zemin
;  TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
;  TITLE OF INVENTION:  ACIDS ENCODING THE SAME
;  FILE REFERENCE: P3330R1C323
;  CURRENT APPLICATION NUMBER: US/10/146,731
;  CURRENT FILING DATE:  2002-05-15
;  Prior Application removed - See File Wrapper or Palm
;  NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 79
;   LENGTH: 2714
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;   TYPE: DNA
;   ORGANISM: Homo Sapien
US-10-146-731-79

  Query Match             53.0%;  Score 35;  DB 16;  Length 2714;
  Best Local Similarity   53.8%;  Pred. No. 1.6e+03;
  Matches    7;  Conservative    0;  Mismatches    6;  Indels    0;  Gaps    0;

Qy          1 CATLRVYKGGGXA 13
              |||     ||| |
Db       1071 CATCTTCTGGGAA 1083


RESULT 13
US-10-140-472-111
; Sequence 111, Application US/10140472
; Publication No. US20030138888A1
; GENERAL INFORMATION:
;  APPLICANT: Baker,Kevin P.
;  APPLICANT:  Beresini,Maureen
;  APPLICANT:  DeForge,Laura
;  APPLICANT:  Desnoyers,Luc
;  APPLICANT:  Filvaroff,Ellen
;  APPLICANT:  Gao,Wei-Qiang
;  APPLICANT:  Gerritsen,Mary E.
;  APPLICANT:  Goddard,Audrey
;  APPLICANT:  Godowski,Paul J.
;  APPLICANT:  Gurney,Austin L.
;  APPLICANT:  Sherwood,Steven
;  APPLICANT:  Smith,Victoria
;  APPLICANT:  Stewart,Timothy A.
;  APPLICANT:  Tumas,Daniel
;  APPLICANT:  Watanabe,Colin K
;  APPLICANT:  Wood,William
;  APPLICANT:  Zhang, Zemin
;  TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
;  TITLE OF INVENTION:  ACIDS ENCODING THE SAME
;  FILE REFERENCE: P3330R1C168
;  CURRENT APPLICATION NUMBER: US/10/140,472
;  CURRENT FILING DATE:  2002-05-06
;  Prior Apploication removed - See File Wrapper or Palm
;  NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 111
;   LENGTH: 3162
;   TYPE: DNA
;   ORGANISM: Homo Sapien
US-10-140-472-111

  Query Match             53.0%;  Score 35;  DB 12;  Length 3162;
  Best Local Similarity   53.8%;  Pred. No. 1.9e+03;
  Matches    7;  Conservative    0;  Mismatches    6;  Indels    0;  Gaps    0;

Qy          1 CATLRVYKGGGXA 13
              |||     ||| |
Db        144 CATTTAAAGGGAA 156


RESULT 14
US-10-141-761-111
; Sequence 111, Application US/10141761
; Publication No. US20030148432A1
; GENERAL INFORMATION:
;  APPLICANT: Baker,Kevin P.
;  APPLICANT:  Beresini,Maureen
;  APPLICANT:  DeForge,Laura
;  APPLICANT:  Desnoyers,Luc
;  APPLICANT:  Filvaroff,Ellen
;  APPLICANT:  Gao,Wei-Qiang
;  APPLICANT:  Gerritsen,Mary E.
;  APPLICANT:  Goddard,Audrey
;  APPLICANT:  Godowski,Paul J.
;  APPLICANT:  Gurney,Austin L.
;  APPLICANT:  Sherwood,Steven
;  APPLICANT:  Smith,Victoria
;  APPLICANT:  Stewart,Timothy A.
;  APPLICANT:  Tumas,Daniel
;  APPLICANT:  Watanabe,Colin K
;  APPLICANT:  Wood,William
;  APPLICANT:  Zhang, Zemin
;  TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
;  TITLE OF INVENTION:  ACIDS ENCODING THE SAME
;  FILE REFERENCE: P3330R1C198
;  CURRENT APPLICATION NUMBER: US/10/141,761
;  CURRENT FILING DATE:  2002-05-08
;  Prior Application removed - See Palm or File Wrapper
;  NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 111
;   LENGTH: 3162
;   TYPE: DNA
;   ORGANISM: Homo Sapien
US-10-141-761-111

  Query Match             53.0%;  Score 35;  DB 12;  Length 3162;
  Best Local Similarity   53.8%;  Pred. No. 1.9e+03;
  Matches    7;  Conservative    0;  Mismatches    6;  Indels    0;  Gaps    0;

Qy          1 CATLRVYKGGGXA 13
              |||     ||| |
Db        144 CATTTAAAGGGAA 156


RESULT 15
US-10-142-885-111
; Sequence 111, Application US/10142885
; Publication No. US20030157604A1
; GENERAL INFORMATION:
;  APPLICANT: Baker,Kevin P.
;  APPLICANT:  Beresini,Maureen
;  APPLICANT:  DeForge,Laura
;  APPLICANT:  Desnoyers,Luc
;  APPLICANT:  Filvaroff,Ellen
;  APPLICANT:  Gao,Wei-Qiang
;  APPLICANT:  Gerritsen,Mary E.
;  APPLICANT:  Goddard,Audrey
;  APPLICANT:  Godowski,Paul J.
;  APPLICANT:  Gurney,Austin L.
;  APPLICANT:  Sherwood,Steven
;  APPLICANT:  Smith,Victoria
;  APPLICANT:  Stewart,Timothy A.
;  APPLICANT:  Tumas,Daniel
;  APPLICANT:  Watanabe,Colin K
;  APPLICANT:  Wood,William
;  APPLICANT:  Zhang, Zemin
;  TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
;  TITLE OF INVENTION:  ACIDS ENCODING THE SAME
;  FILE REFERENCE: P3330R1C248
;  CURRENT APPLICATION NUMBER: US/10/142,885
;  CURRENT FILING DATE:  2002-05-10
;  Prior Apploication removed - See File Wrapper or Palm
;  NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 111
;   LENGTH: 3162
;   TYPE: DNA
;   ORGANISM: Homo Sapien
US-10-142-885-111

  Query Match             53.0%;  Score 35;  DB 12;  Length 3162;
  Best Local Similarity   53.8%;  Pred. No. 1.9e+03;
  Matches    7;  Conservative    0;  Mismatches    6;  Indels    0;  Gaps    0;

Qy          1 CATLRVYKGGGXA 13
              |||     ||| |
Db        144 CATTTAAAGGGAA 156


Search completed: August 28, 2003, 18:42:04
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Job time : 20.697 secs